AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application.

LISTING OF CLAIMS:

1. (Previously Presented) A motion image processor, comprising:

a scene determiner for selecting correction parameter values based on a state of an image;

a corrector for correcting image data of the motion image based on the correction parameter values acquired by the scene determiner; and

an acquiring portion for acquiring scene change information indicating a scene change in the motion image;

wherein, when the scene change information indicates a scene change, the scene determiner selects new correction parameter values for the motion image, wherein the selected correction parameter values are maintained for each frame image until a next scene change information is acquired.

2. (Previously Presented) The motion image processor as claimed in claim 1, further comprising a corrector for correcting the motion image in accordance with the correction parameter values until the next scene change information is acquired.

3. (Previously Presented) The motion image processor as claimed in claim 1, further comprising a storage for storing the plurality of correction parameter values beforehand.

4. (Original) The motion image processor as claimed in claim 1,

wherein the acquiring portion generates the scene change information based on a differential image of an image of a current frame and a predicted image of the current frame predicted from an image of a previous frame from the current frame.

5. (Original) The motion image processor as claimed in claim 4, wherein the determining portion determines a correction process based on the predicted image.

6. (Previously Presented) The motion image processor as claimed in claim 1, further comprising a corrector for correcting the motion image in accordance with the correction parameter values until the next scene change information is acquired, and wherein the corrector executes correction of the motion image in real time.

7. (Previously Presented) A motion image processor, comprising:

an acquiring portion for acquiring scene change information indicating a scene change in a motion image;

a determining portion for selecting from among a plurality of correction parameters a set of correction parameter values for each frame image of the motion image until next scene change information is acquired; and

a corrector for correcting each frame image of the motion image based on a same selected set of correction parameter values until the next scene change information is acquired.

8. (Original) The motion image processor as claimed in claim 7, wherein the corrector executes correction of the motion image in real time.

9. (Previously Presented) A motion image processing method comprising following steps of:

acquiring scene change information indicating a scene change in a motion image;

acquiring a set of correction parameters from among a plurality of correction parameters sets, for correcting each frame image of a motion image until the next scene change information is acquired; and

correcting each frame image of the motion image in accordance with a same selected set of correction parameter values until the next scene change information is acquired.

10. (Previously Presented) A computer-readable recording medium encoded with a computer program executed by a computer for correcting a motion image, the computer program comprising following steps of:

acquiring the scene change information indicating a scene change in the motion image;

acquiring a set of correction parameters from among a plurality of correction parameter sets, for correcting each frame image of the motion image until the next scene change information is acquired; and

correcting each frame image of the motion image in accordance with a same selected set of correction parameter values until the next scene change information is acquired.

11. (Canceled)

12. (Previously Presented) An image sensing apparatus comprising:

an image sensing unit for acquiring a motion image;

a detector for detecting scene change information indicating a scene change in the motion image acquired by the image sensing unit;

a determiner for selecting from among a plurality of motion image correction parameters, a set of motion image correction parameter values to be applied unchanged to each frame image of the current scene when the scene change information is detected;

an image corrector for correcting images in the current scene of the motion image in accordance with the determined image correction parameter values; and

a recording device for recording the motion image corrected on a recording medium.

13. (Previously Presented) A motion image processor, comprising:

an acquiring portion for acquiring scene change information indicating a scene change in a motion image; and

a determining portion for determining, when the scene change information is acquired, a set of correction parameter values for the motion image to be unchanged until next scene change information is acquired,

wherein the acquiring portion generates the scene change information based on a differential image of an image of a current frame and a predicted image of the current frame predicted from an image of a previous frame from the current frame.

14. (Previously Presented) The motion image processor as claimed in claim 13, wherein the determining portion determines a correction parameter value based on the predicted image.

15. (Currently Amended) The motion image processor of claim 1, wherein the correction parameter values are used to correct the motion image in terms of at least one of tone, hue, chroma, brightness and contrast.

16. (Currently Amended) The motion image processor of claim 7, wherein the correction parameter values are used to correct the motion image in terms of at least one of tone, hue, chroma, brightness and contrast.

17. (Currently Amended) The motion image processing method of claim 9, wherein the correction parameter values are used to correct the motion image in terms of at least one of tone, hue, chroma, brightness and contrast.

18. (Currently Amended) The computer-readable recording medium of claim 10, wherein the correction parameter values are used to correct the motion image in terms of at least one of tone, hue, chroma, brightness and contrast.

19. (Currently Amended) The image sensing apparatus of claim 12, wherein the correction parameter values are used for correcting the motion image in terms of at least one of tone, hue, chroma, brightness and contrast.

20. (Currently Amended) The motion image processor of claim 13, wherein the correction parameter values are used for correcting the motion image in terms of at least one of tone, hue, chroma, brightness and contrast.